

In the Claims

Please amend Claims 15, 16 and 18-23 as indicated below.

15. (Twice Amended) A method for regulating delivery of oxygen and NO, in various redox forms, in a mammal, comprising administering to the mammal an effective amount of a mixture of a low molecular weight thiol or nitrosothiol and hemoglobin or S-nitrosohemoglobin.
16. (Amended) A method for delivering NO in a mammal, comprising administering to the mammal an effective amount of a blood substitute comprising S-nitrosohemoglobin.
18. (Amended) A method for scavenging oxygen free radicals and NO \cdot in a mammal, comprising administering to the mammal an effective amount of a blood substitute comprising S-nitrosohemoglobin.
19. (Amended) A method for reducing blood pressure in a mammal, comprising administering an effective amount of SNO-Hb to the mammal.
20. (Twice Amended) A method for treating a disease in a mammal, comprising administering an effective amount of SNO-Hb to the mammal, wherein the disease is selected from the group consisting of heart disease, vascular disease, atherosclerosis, lung disease and inflammation.
21. (Twice Amended) A method for treating a medical condition in a mammal, comprising administering an effective amount of SNO-Hb to the mammal, wherein the medical condition is selected from the group consisting of stroke, angina and acute respiratory distress.
22. (Amended) A method for enhancing the preservation of an excised organ, comprising storing the organ in a solution comprising an effective amount of SNO-Hb(FeII)O $_2$.